

TRULITE GLASS & ALUMINUM SOLUTIONS

NS200 SERIES NARROW STILE

OUTSWING DOORS (HVHZ / NON-IMPACT)

GENERAL NOTES:

1.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2.

DOORS ARE NON-IMPACT. INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA AND WINDBORNE DEBRIS REGION REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES.
3.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.
4.

WOOD BUCKS BY OTHERS. MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE MAIN STRUCTURE.
5.

ANCHORS SHALL BE AS LISTED. SPACED AS SHOWN ON THE DETAILS. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS REQUIRED. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR INSTALLATION THROUGH METAL FRAME, PROVIDE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS REFERENCED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT IN FACE SHELL OF BLOCK.
6.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE & ADAPTED STANDARDS.
7.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
8.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

9.

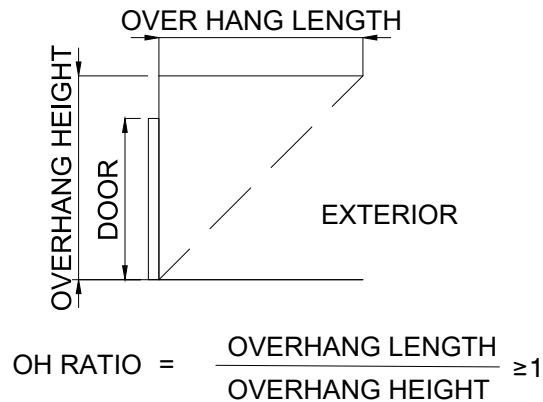
ULTIMATE LOAD OBTAINED FROM APPLICABLE ASCE 7 STANDARD MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
10.

GASKETS USED IN THIS FENESTRATION PRODUCT ARE IN COMPLIANCE WITH ASTM STANDARD C864.



NOTE:

DOOR ASSEMBLIES SHOULD BE INSTALLED WHERE IT WILL BE PROTECTED BY AN OVERHANG FROM WATER INFILTRATION. OVERHANG MUST MEET THE OVERHANG RATIO OF 1 OR MORE (REFER TO ILLUSTRATION BELOW) OR IN NONHABITABLE AREAS WHERE WATER INFILTRATION IS ACCEPTABLE.



ABBREVIATIONS:

DLO - DAYLIGHT OPENING
D.O. - DOOR OPENING
OPPO. - OPPOSITE
N.T.S. - NOT TO SCALE

LIMITATION OF USE

- A.

THIS PRODUCT APPROVAL DOCUMENT IS GENERIC AND DOES NOT PROVIDE INFORMATION OF A SITE SPECIFIC PROJECT OR WHERE THE SITE CONDITIONS DEViate FROM THIS PRODUCT APPROVAL DOCUMENT.
- B.

FOR CONDITIONS THAT DEViate FROM THE PRODUCT APPROVAL DOCUMENTS, THIS SHALL BE REVIEWED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD FOR THE PROJECT.



<http://www.trulite.com>

1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:

**NS200 Series
Alum Outswing
Doors**
HVHZ - Non-Impact

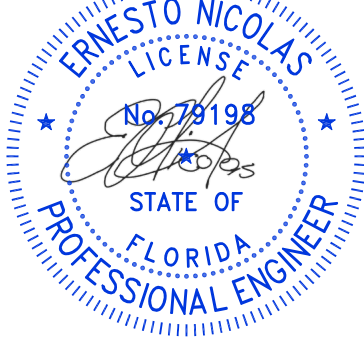
REVN	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

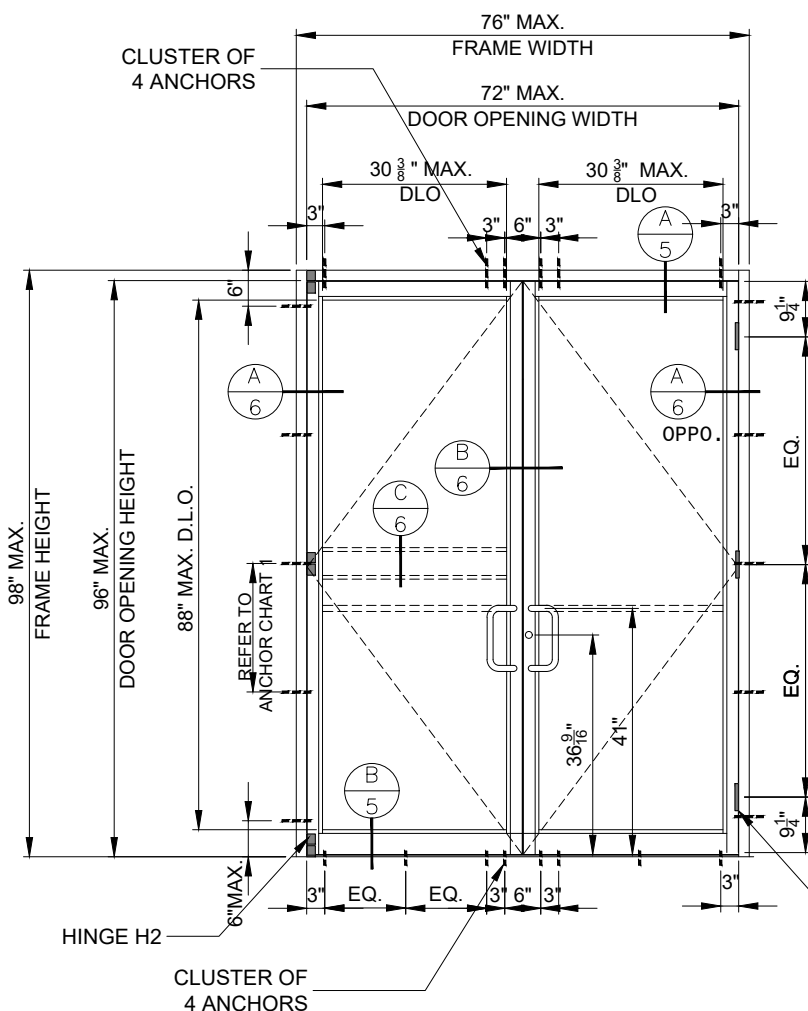
FL46721

DATE: **APRIL 28, 2024**

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

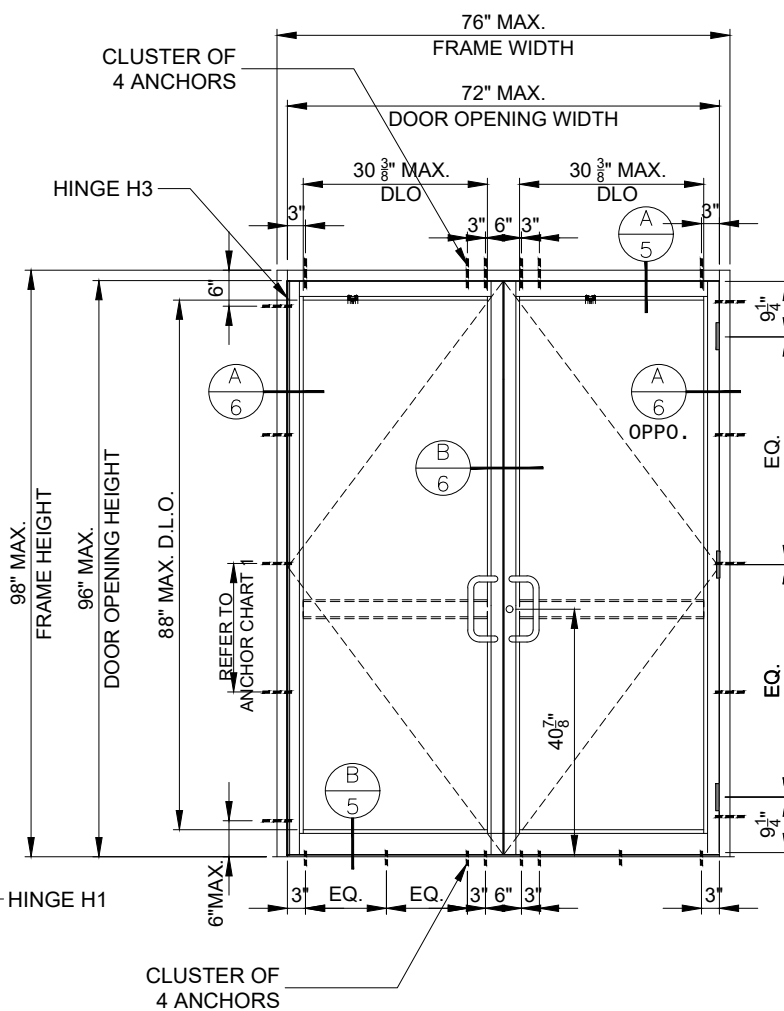
SHEET NO.:

1 OF 13



ELEVATION A (STANDARD PUSH/PULL)

- SINGLE POINT LOCK WITH FLUSH BOLTS (72" x 84" MAX. OPENING SIZE)
- STANDARD 5 POINT LOCK



ELEVATION B (CVR EXIT DEVICE)

TYP. EXT. (OUTSWING) DOUBLE DOOR ELEVATIONS

ANCHOR CHART 1	
MAX. ANCHOR SPACING	MAX. DP (psf)
36" O.C.	+ - 40
24" O.C.	+ - 60

HINGE OPTIONS:

H1:
4½"x4" BUTT HINGES (26298) BY HAGER CO.
OR IMPERIAL USA (GLOBAL DOOR) - 2pcs/leaf
for up to 84" door opening height and 3pcs/leaf for
door opening height greater than 84"

H2:
OFFSET PIVOT HINGE - Top & Bot. of Door
(21274/21273), Top of Frame (21275), Bot. of
Frame (24642), Interm. (24566)

H3:
CONTINUOUS GEARED HINGE (60095) BY
HAGER CO.

LOCK OPTIONS	
OPTION	DESCRIPTIONS
1	MANUAL FLUSH BOLTS (24669)
	MS LOCK (26093)
2	AHT 8000 CONCEALED VERTICAL ROD EXIT
3	DOOR-O-MATIC 1690 CONCEALED VERTICAL ROD
4	VON DUPRIN 9947 CONCEALED VERTICAL ROD
5	ADAMS RITE MS1880, MS1881 CONCEALED TWO POINT LOCK
	ILCO HB185 EIGHT PLY HOOK LOCK WITH ADAMS RITE 4016 TOP ROD & 4015 BOTTOM ROD CONCEALED THREE POINT LOCK
6	REGENT ML-207-TT-2PT CONCEALED TWO POINT LOCK
	REGENT ML-207-012, CONCEALED THREE POINT LOCK SYSTEM WITH EIGHT PLY HOOK LOCK
7	REGENT 5770 CONCEALED VERTICAL ROD EXIT DEVICE TWO POINT LOCK

DOOR CAPACITY		
ELEVATION	LOCK OPTION	MAX. DP (psf)
A, C	1	+ - 40
A, C	5, 6	+ - 60
B, D	2, 3, 4, 7	+ - 60
E	1, 2, 3, 4, 5, 6, 7	+ - 40
F	1, 2, 3, 4, 5, 6, 7	+ - 40



http://www.trulite.com

1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

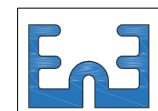
PRODUCT:

**NS200 Series
Alum Outswing
Doors**

HVHZ - Non-Impact

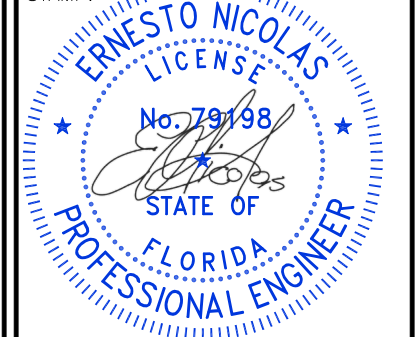
REVN	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

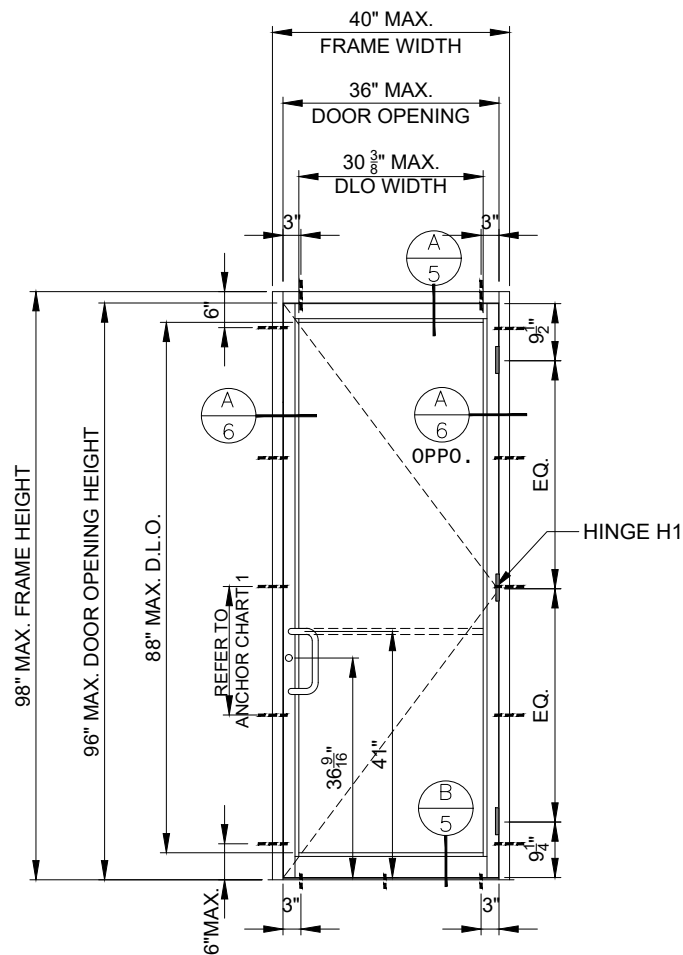
FL46721

DATE: APRIL 28, 2024

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

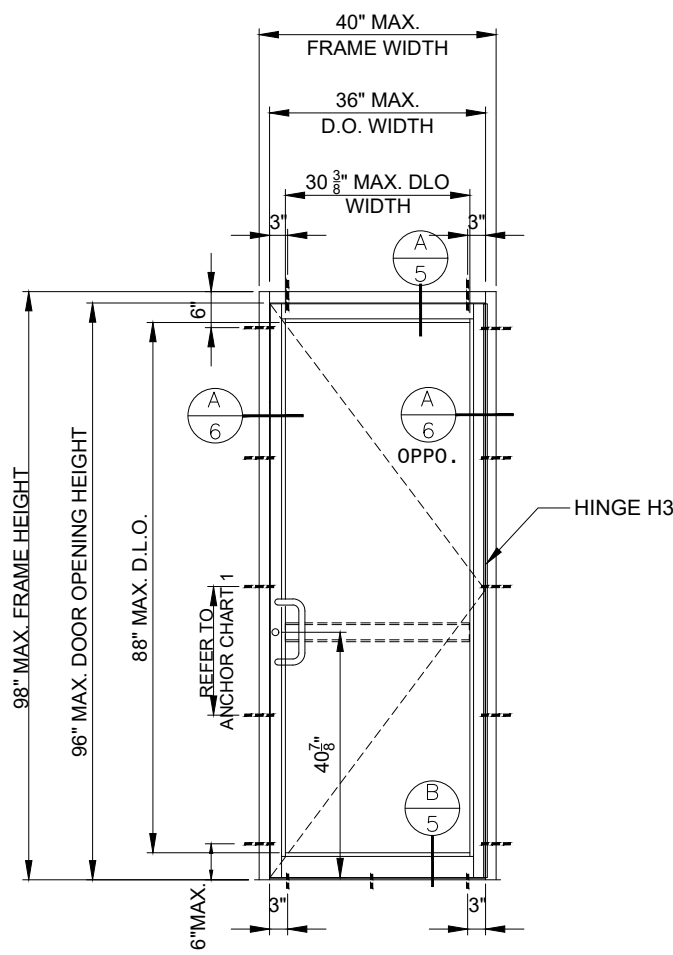
SHEET NO.:

2 OF 13

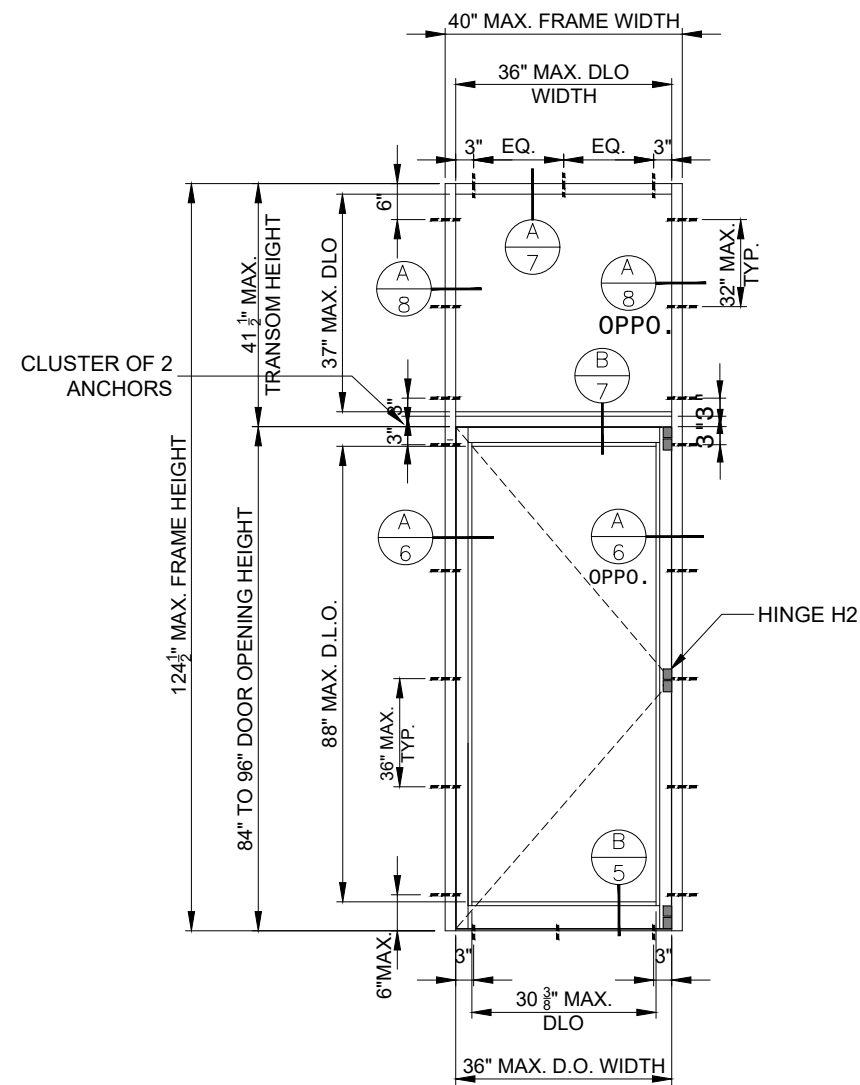


ELEVATION C (STANDARD PUSH/PULL)

- SINGLE POINT LOCK (36" x 84" MAX. OPENING SIZE)
- STANDARD 3 POINT LOCK



ELEVATION D (CVR EXIT DEVICE)



ELEVATION E

NOTE: 72" x 84" MAX. OPENING SIZE FOR SINGLE POINT LOCK

TYP. EXT. OUTSWING
SINGLE DOOR WITH TRANSOM

TYP. EXT. (OUTSWING) SINGLE DOOR ELEVATIONS

PRODUCT:

**NS200 Series
Alum Outswing
Doors**

HVHZ - Non-Impact

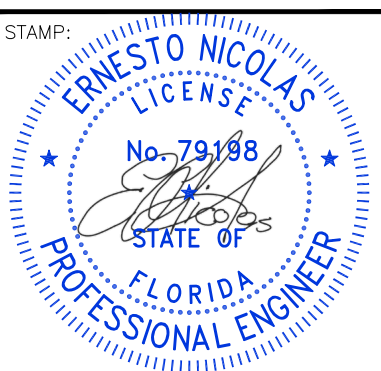
REVN	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

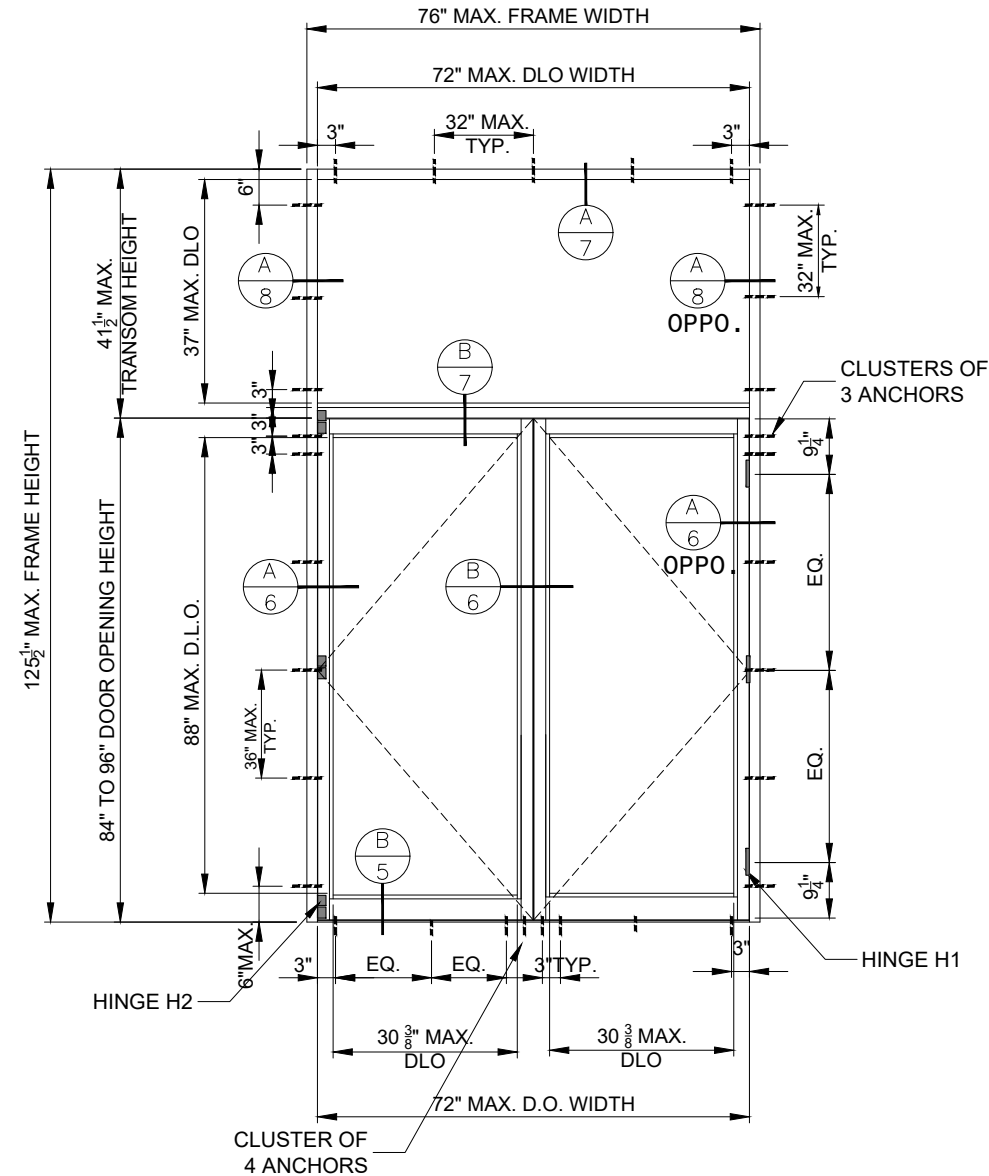
FL46721

DATE: APRIL 28, 2024

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:

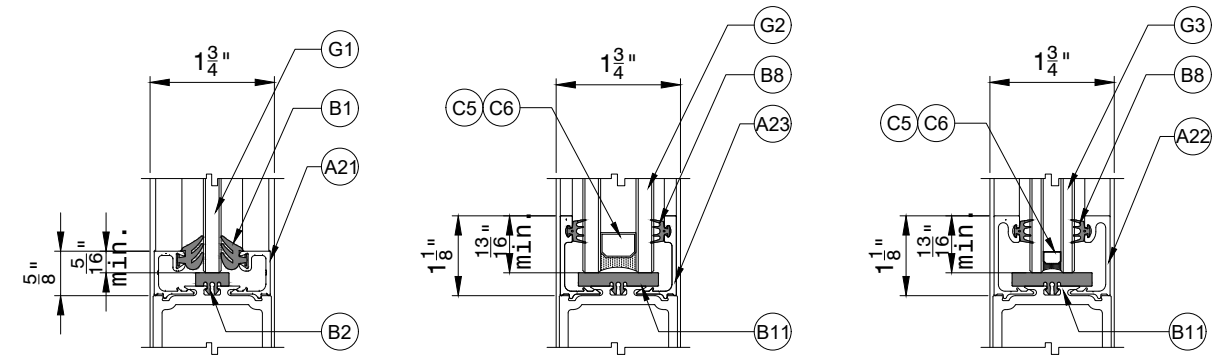
3 OF 13



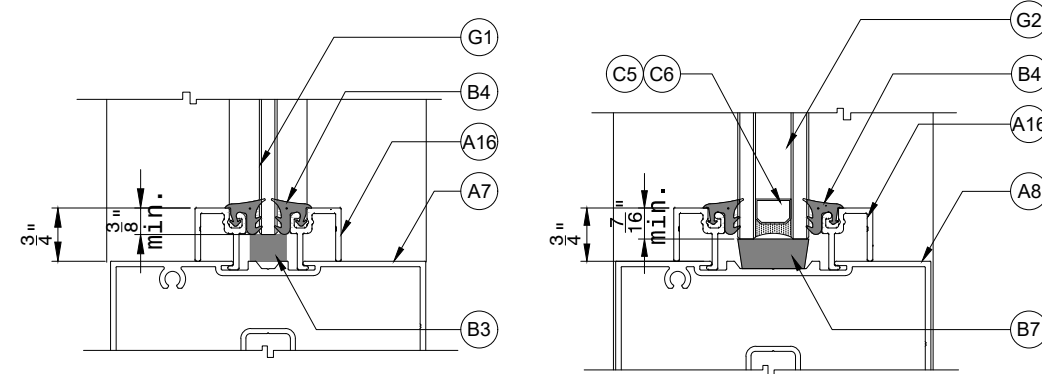
ELEVATION F

NOTE: 72" x 84" MAX. OPENING SIZE FOR SINGLE POINT
LOCK WITH FLUSH BOLTS

TYP. EXT. (OUTSWING) DOUBLE DOOR WITH TRANSOM ELEVATION



DOOR PANEL GLAZING OPTIONS



TRANSOM GLAZING OPTIONS

NOTE: PROVIDE 2 SETTING BLOCKS
PER GLASS PANEL

GLAZING DETAILS

G1 - 1/4" TEMP. GLASS

G2 - 1" INSULATED GLASS COMPOSED OF:

- 1/4" TEMP. GLASS
- 1/2" MAX. AIR SPACE
- 1/4" TEMP. GLASS

G3 - 5/8" INSULATED GLASS COMPOSED OF:

- 3/16" TEMP. GLASS
- 1/4" MAX. AIR SPACE
- 3/16" TEMP. GLASS

GLASS TYPES

GLAZING NOTES:

1. SETTING BLOCKS TO MEET FBC CHAPTER 24 REQUIREMENTS.
2. GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS PER THE LATEST FBC. THICKNESS, TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.



<http://www.trulite.com>

1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:

NS200 Series Alum Outswing Doors

HVHZ - Non-Impact

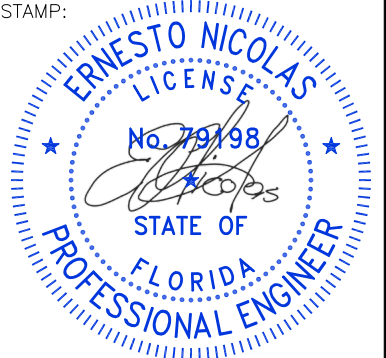
REVN	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

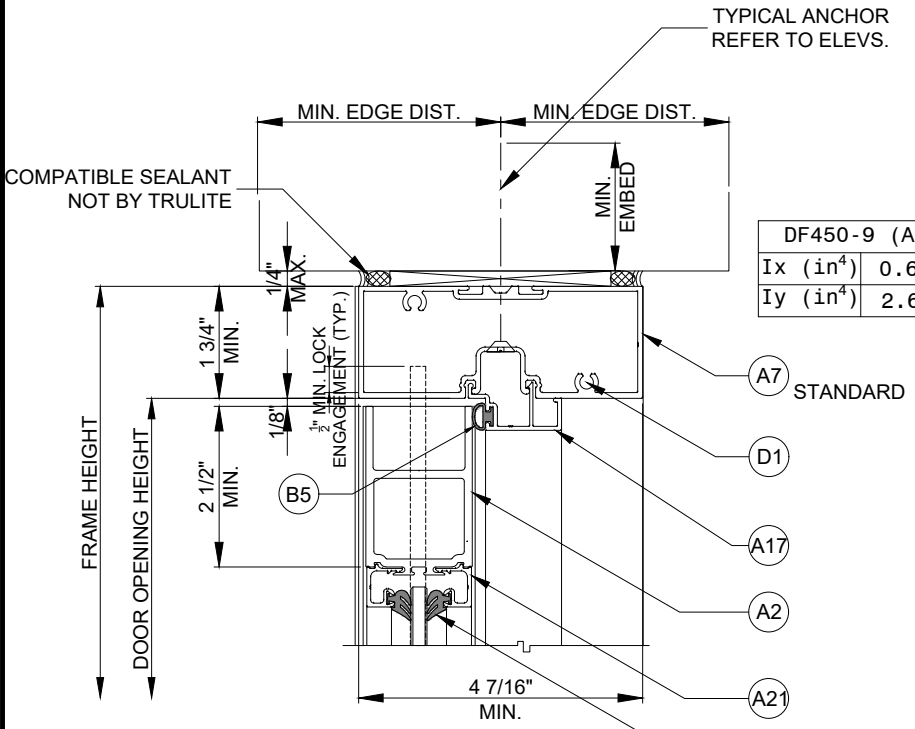
FL46721

DATE: APRIL 28, 2024

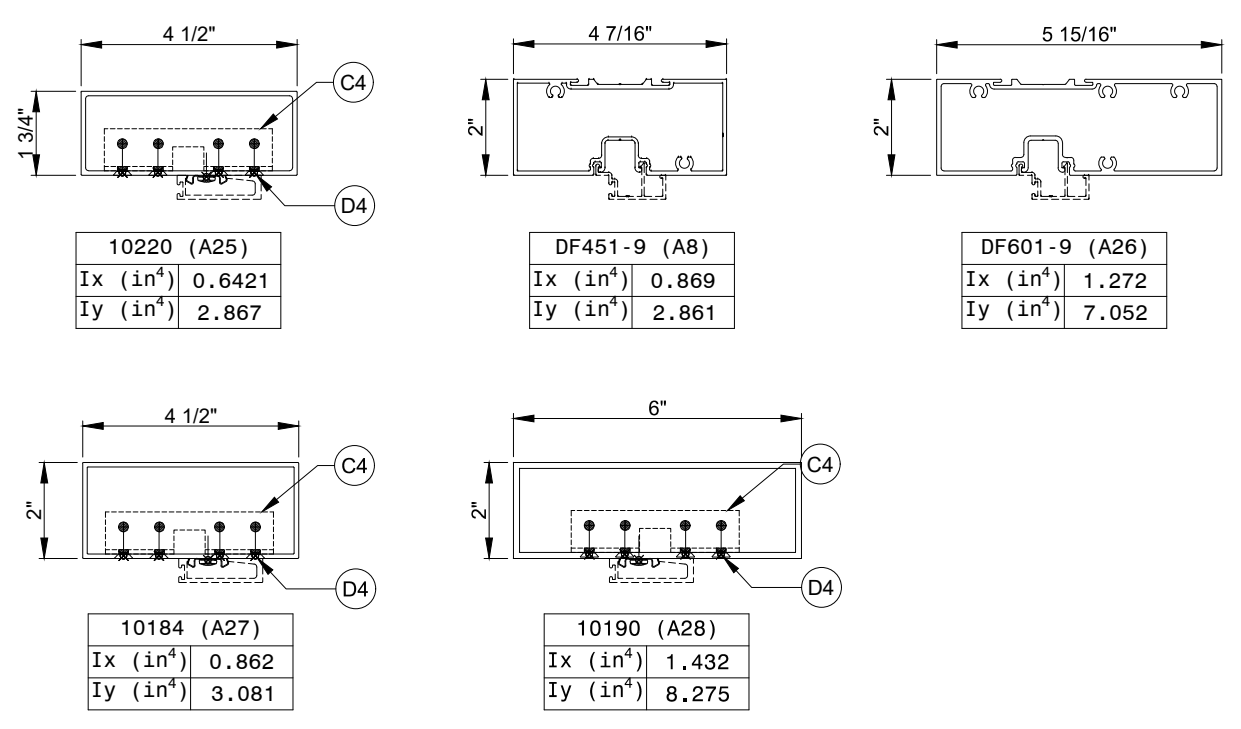
Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:

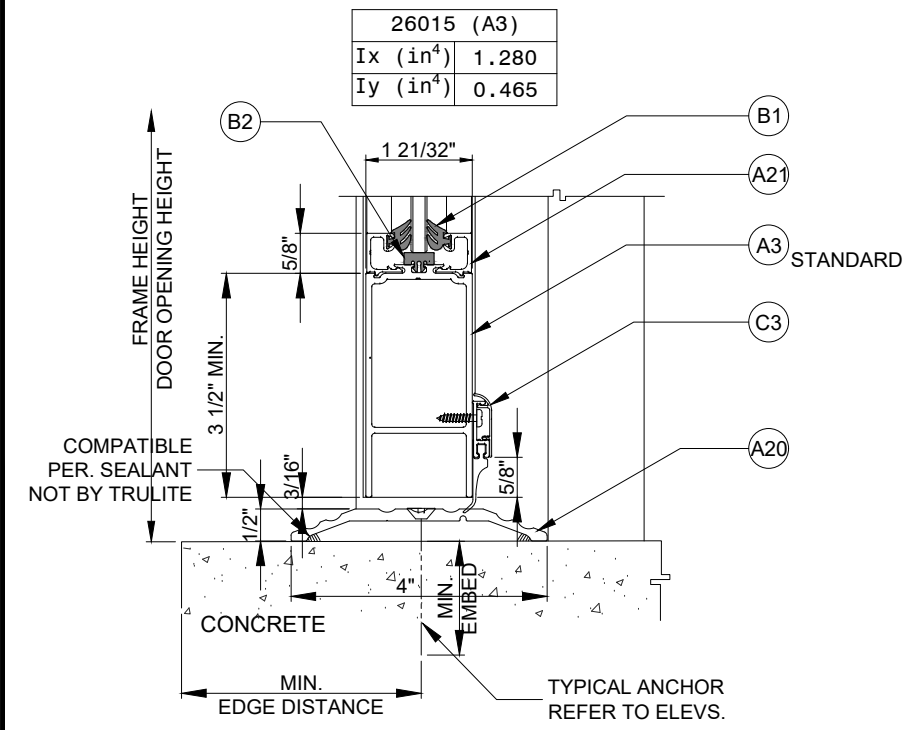
4 OF 13



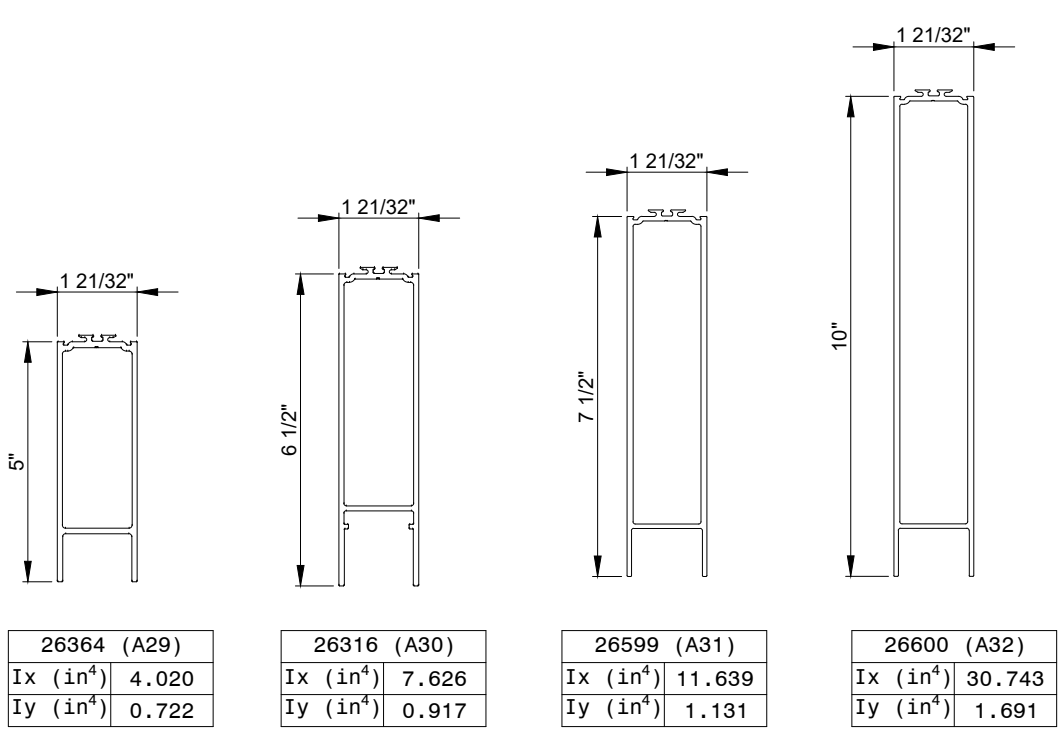
A HEAD DETAIL



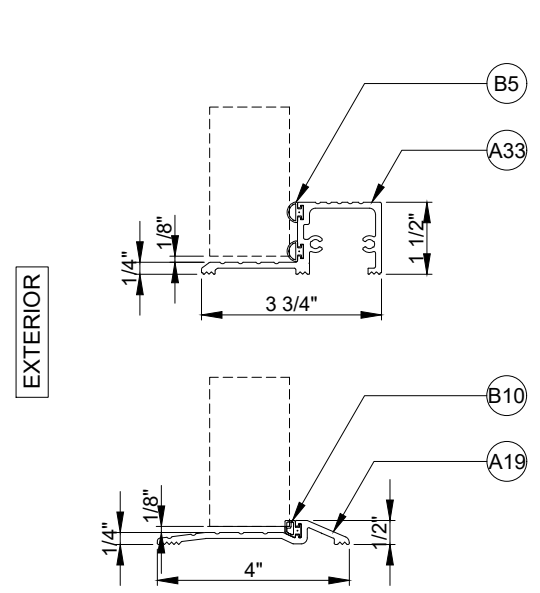
DOOR FRAME HEAD OPTIONS



B SILL DETAIL



BOTTOM RAIL OPTIONS



THRESHOLD OPTIONS



GLASS & ALUMINUM SOLUTIONS™

<http://www.trulite.com>

1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

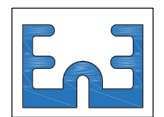
PRODUCT:

**NS200 Series
Alum Outswing
Doors**

HVHZ - Non-Impact

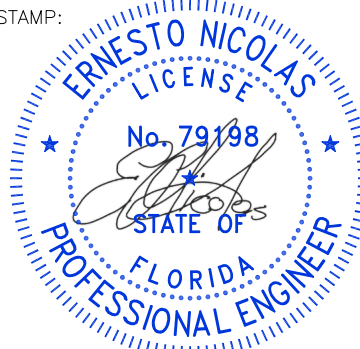
REV#	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

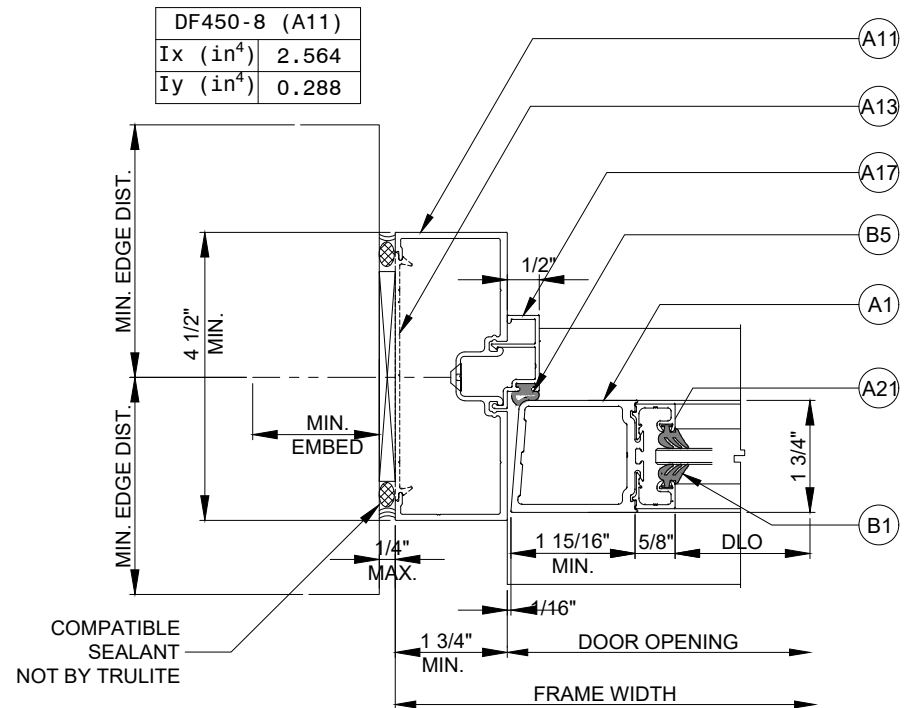
FL46721

DATE: APRIL 28, 2024

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

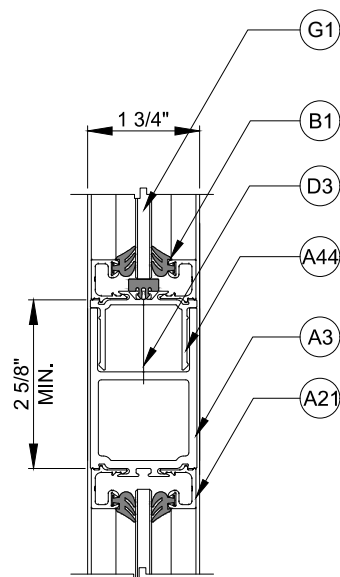
SHEET NO.:

5 OF 13

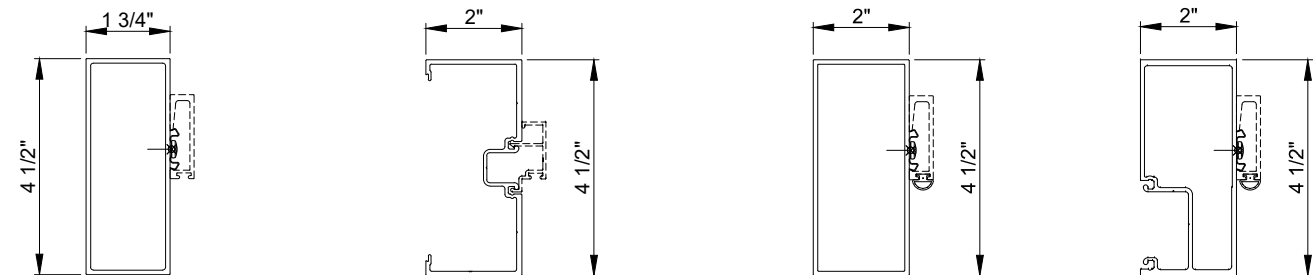
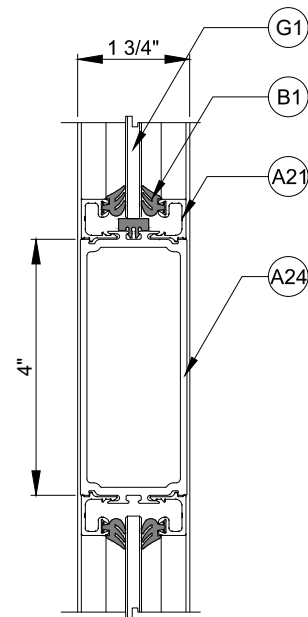


A DOOR JAMB/HINGE STILE DETAIL

C MID-RAIL DETAIL



MID-RAIL OPTION

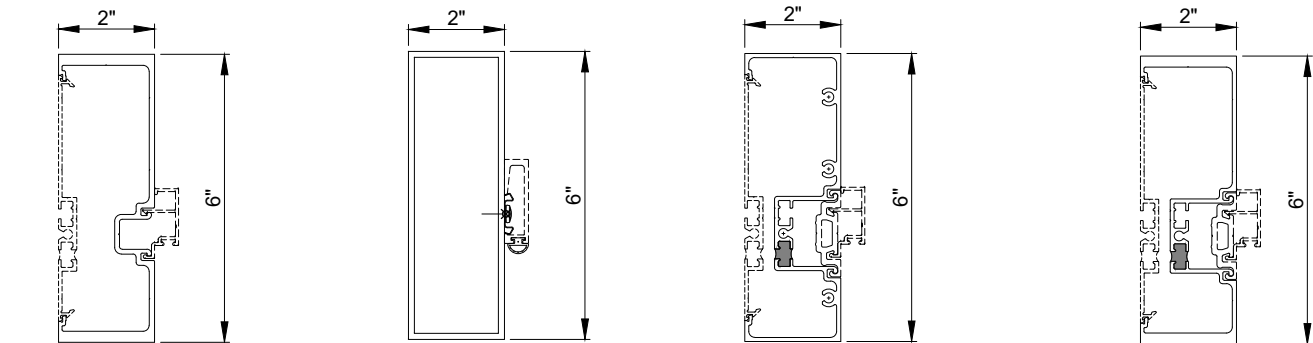


10220 (A25)	
Ix (in ⁴)	2.867
Iy (in ⁴)	0.642

DF451-8 (A12)	
Ix (in ⁴)	2.792
Iy (in ⁴)	0.404

10184 (A27)	
Ix (in ⁴)	3.081
Iy (in ⁴)	0.862

DF451-10 (A46)	
Ix (in ⁴)	3.696
Iy (in ⁴)	1.568



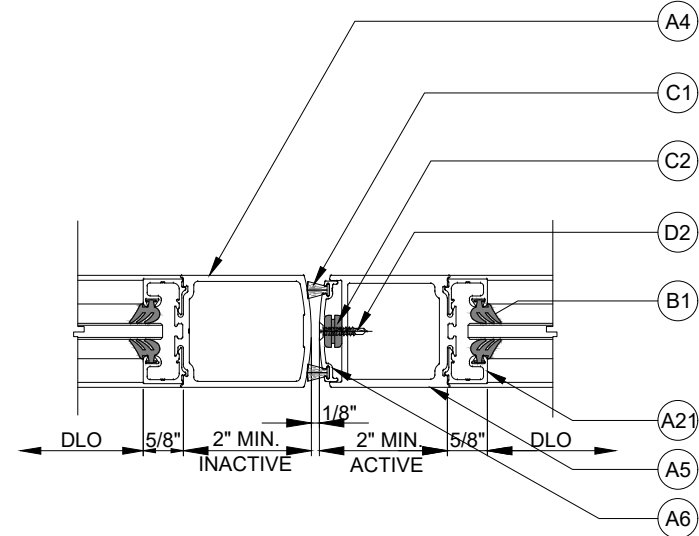
DF601-8 (A34)	
Ix (in ⁴)	9.803
Iy (in ⁴)	0.719

10190 (A28)	
Ix (in ⁴)	8.275
Iy (in ⁴)	1.432

CT601-31 (A36)	
Ix (in ⁴)	9.559x0.85 = 8.125
Iy (in ⁴)	0.665x0.85 = 0.565

CT601-7 (A37)	
Ix (in ⁴)	9.559x0.85 = 8.125
Iy (in ⁴)	0.665x0.85 = 0.565

DOOR JAMB OPTIONS



B MEETING STILE DETAIL

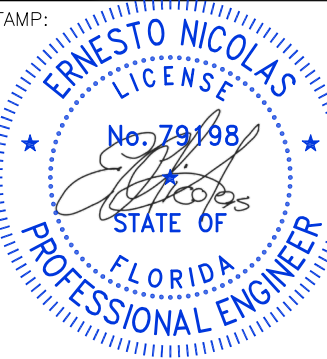
Trulite
GLASS & ALUMINUM SOLUTIONS™
<http://www.trulite.com>
1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:
**NS200 Series
Alum Outswing
Doors**
HVHZ - Non-Impact

REVN	DATE/REMARKS

ENGINEER:

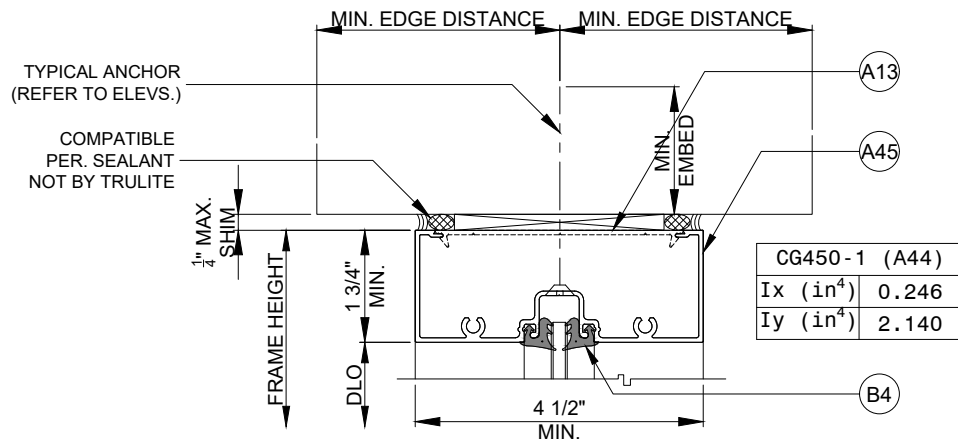
En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:


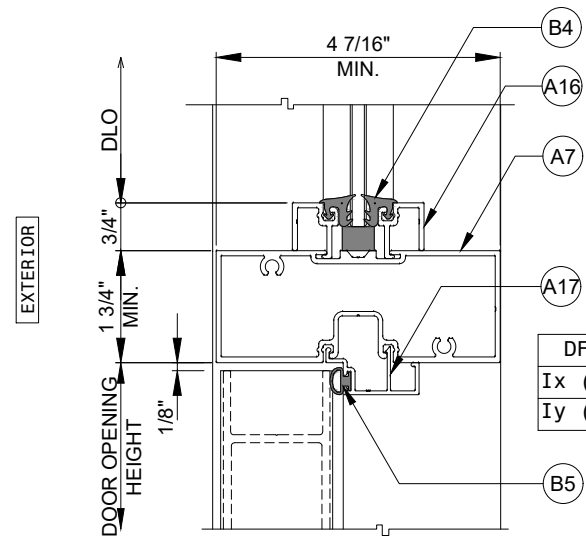
FLORIDA PRODUCT APPROVAL:
FL46721

DATE: APRIL 28, 2024	
Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:
6 OF 13



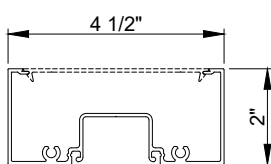
A TRANSOM FRAME HEAD DETAIL



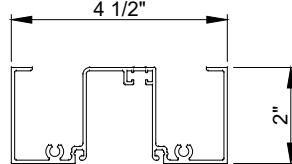
B DOOR TRANSOM DETAIL

GLAZING NOTES:

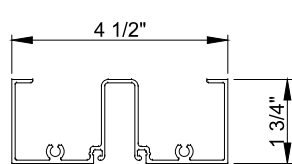
1. PROVIDE 2 SETTING BLOCKS PER GLASS PANEL AS PER FBC CHAPTER 24. GLASS SETTING BLOCKS SHALL BE LOCATED AT L/8.
2. GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS PER THE LATEST FBC. THICKNESS, TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.



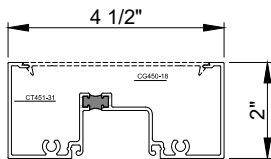
CG451-1 (A10)	
Ix (in ⁴)	0.345
Iy (in ⁴)	2.392



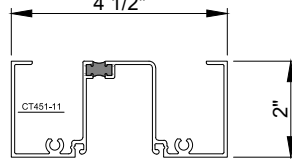
CG451-11 (A38)	
Ix (in ⁴)	0.598
Iy (in ⁴)	2.462



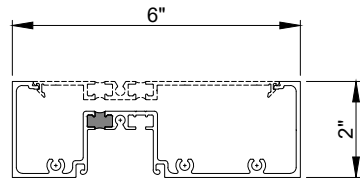
CG450-11 (A9)	
Ix (in ⁴)	0.369
Iy (in ⁴)	2.151



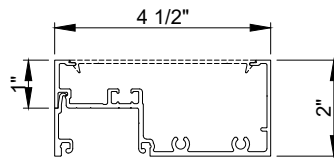
CT451-31 (A39)	
Ix (in ⁴)	0.345x0.85 = 0.293
Iy (in ⁴)	2.392x0.85 = 2.033



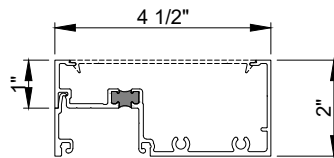
CT451-11 (A40)	
Ix (in ⁴)	0.598x0.85 = 0.508
Iy (in ⁴)	2.462x0.85 = 2.093



CT601-31 (A36)	
Ix (in ⁴)	0.598x0.85 = 0.508
Iy (in ⁴)	2.462x0.85 = 2.093



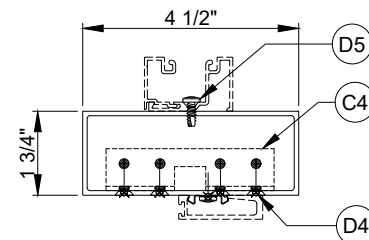
FG451-4 (A42)	
Ix (in ⁴)	0.401
Iy (in ⁴)	2.347



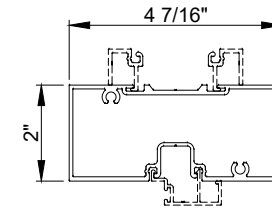
FT451-4 (A43)	
Ix (in ⁴)	0.401x0.85 = 0.341
Iy (in ⁴)	2.347x0.85 = 1.995

NOTE: FOR CT451 & FT451 FRAME HEAD, REDUCE THE ANCHOR SPACING TO 20" O.C. MAX.

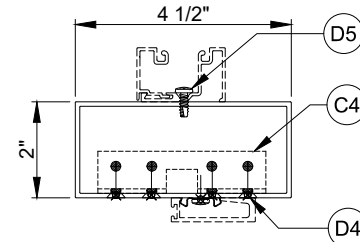
TRANSOM FRAME HEAD OPTIONS



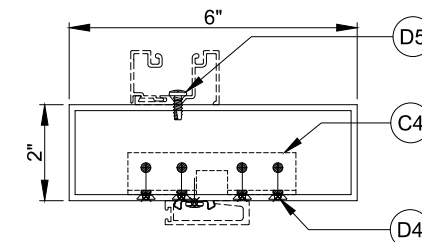
10220 (A25)	
Ix (in ⁴)	0.6421
Iy (in ⁴)	2.867



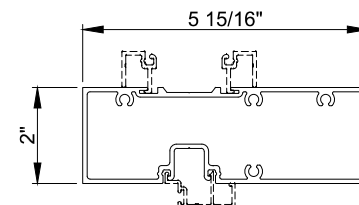
DF451-9 (A8)	
Ix (in ⁴)	0.869
Iy (in ⁴)	2.861



10184 (A27)	
Ix (in ⁴)	0.862
Iy (in ⁴)	3.081



10190 (A28)	
Ix (in ⁴)	1.432
Iy (in ⁴)	8.275



DF601-9 (A26)	
Ix (in ⁴)	1.272
Iy (in ⁴)	7.052

DOOR TRANSOM FRAME OPTIONS

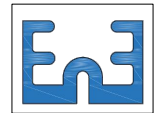
Trulite
GLASS & ALUMINUM SOLUTIONS™
http://www.trulite.com
1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:

**NS200 Series
Alum Outswing
Doors**
HVHZ - Non-Impact

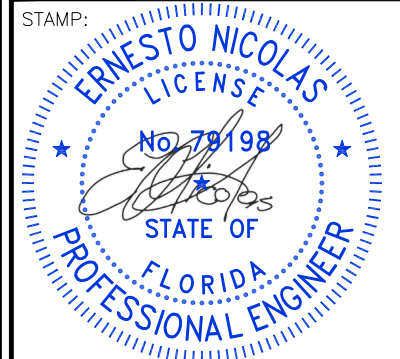
REV#	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

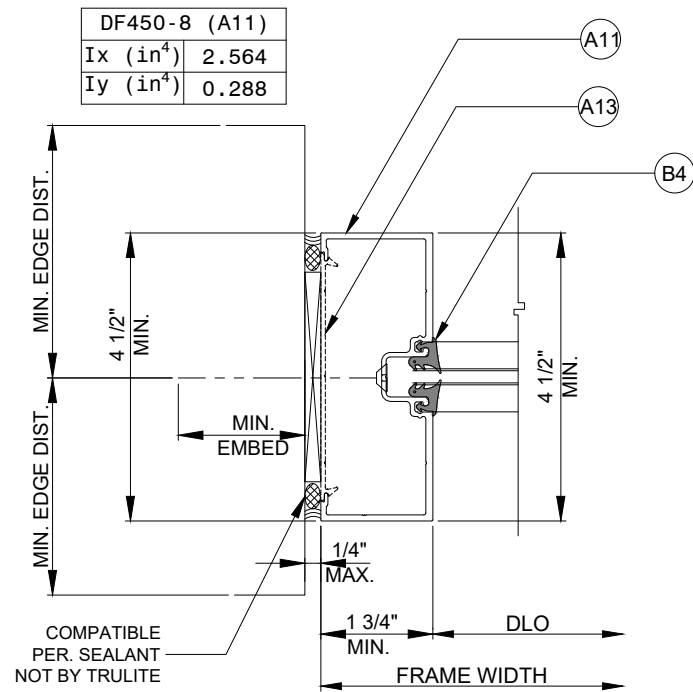
FL46721

DATE: APRIL 28, 2024

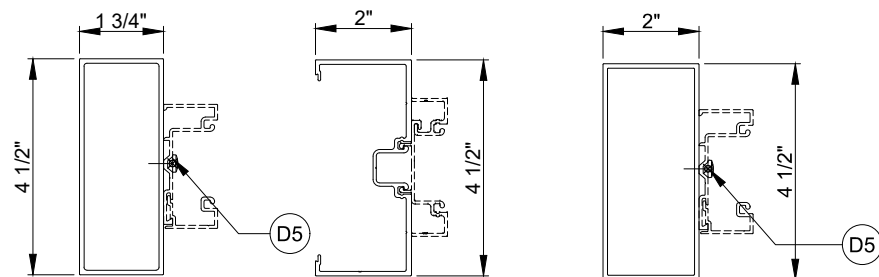
Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:

7 OF 13



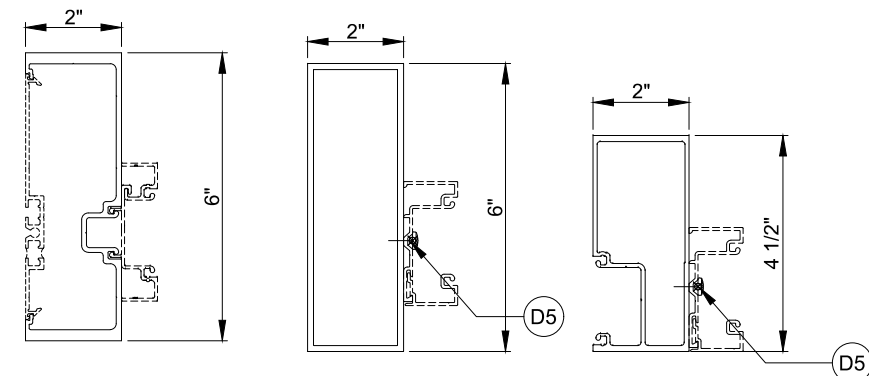
A DOOR JAMB AT TRANSOM



10220 (A25)	
I _x (in ⁴)	2.867
I _y (in ⁴)	0.642

DF451-8 (A12)	
I _x (in ⁴)	2.792
I _y (in ⁴)	0.404

10184 (A27)	
I _x (in ⁴)	3.081
I _y (in ⁴)	0.862

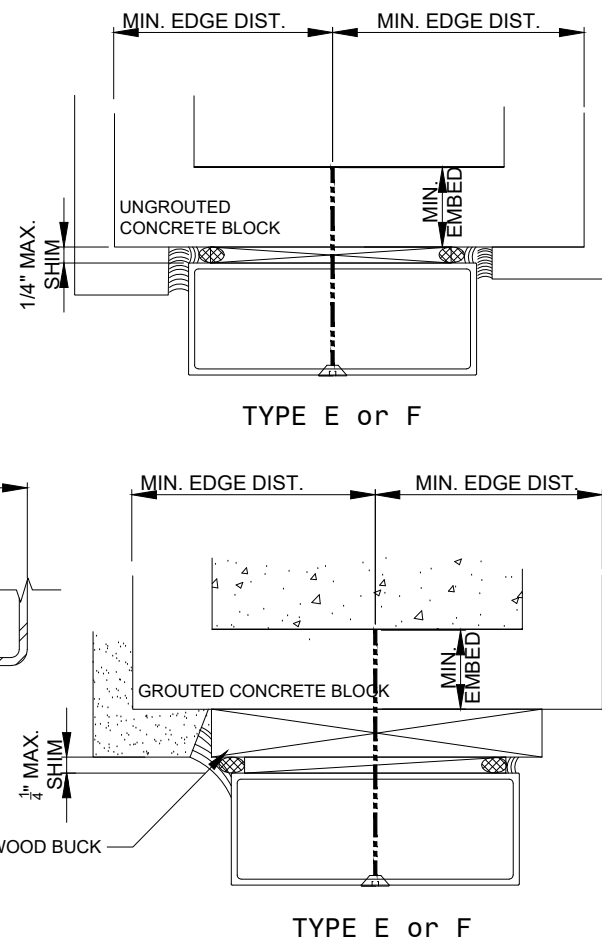
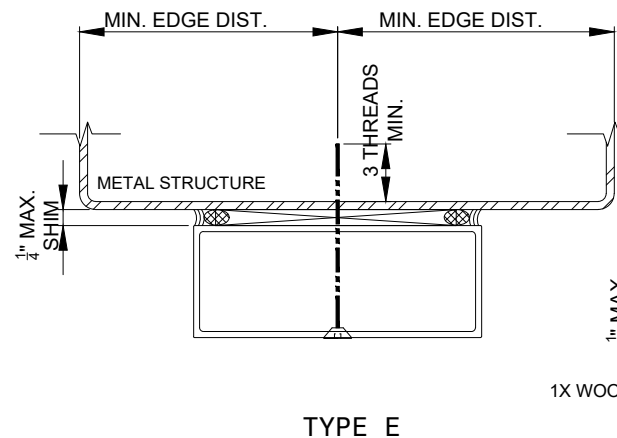
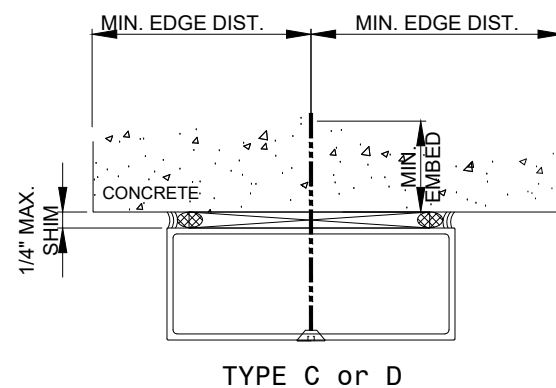
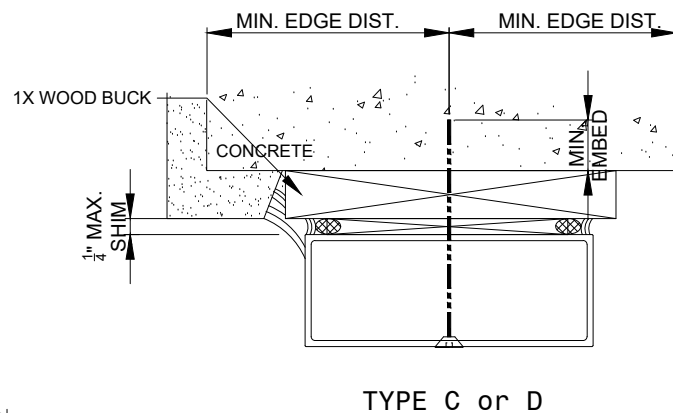
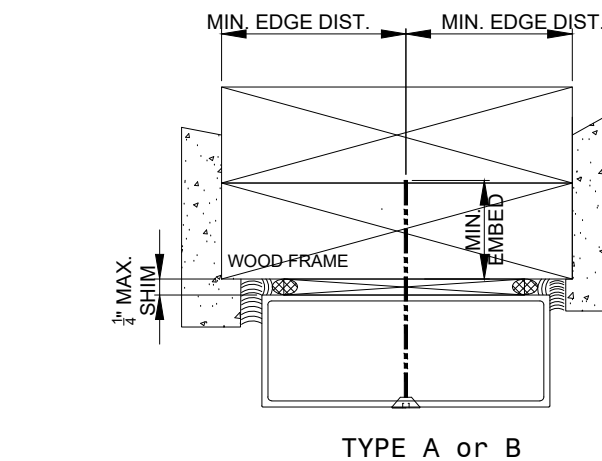


DF601-8 (A34)	
I _x (in ⁴)	9.803
I _y (in ⁴)	0.719

10190 (A28)	
I _x (in ⁴)	8.275
I _y (in ⁴)	1.432

DF451-10 (A46)	
I _x (in ⁴)	3.696
I _y (in ⁴)	0.765

DOOR JAMB AT TRANSOM OPTIONS



ANCHOR OPTIONS

	SUBSTRATE	ANCHOR TYPE	MIN. EMBED (IN.)	MIN. EDGE DIST. (IN.)
A	WOOD	1/4" Ø - TAPCON (F _y = 100ksi & F _u = 125ksi min.)	1.50	1.00
B		1/4" Ø - ULTRACON (F _y = 148ksi & F _u = 164ksi min.)	1.50	1.00
C	CONCRETE	1/4" Ø - TAPCON (F _y = 100ksi & F _u = 125ksi min.)	1.75	2.50
D		1/4" Ø - ULTRACON (F _y = 148ksi & F _u = 164ksi min.)	1.75	2.50
E	CONC. MASONRY	1/4" Ø - TAPCON (F _y = 100ksi & F _u = 125ksi min.)	1.25	2.50
F		1/4" Ø - ULTRACON (F _y = 148ksi & F _u = 164ksi min.)	1.25	2.50
G	METAL	1/4" Ø Gr. 5 Metal Screw	Min. 3 Threads pass substrate	0.75

NOTE :

- MAXIMUM SHIM GAP = 1/4"
- MIN. SPECIFIC GRAVITY OF WOOD = 0.55
- MIN. CONCRETE COMPRESSIVE STRENGTH = 3000psi (NORMAL WEIGHT & UNCRACKED)
- MIN. COMPRESSIVE STRENGTH OF CONCRETE MASONRY = 2000PSI (MEDIUM WEIGHT & CONFORM TO ASTM C90)
- METAL SUBSTRATE SHALL BE STEEL (F_y=36KSI MIN. & 18GA. THICK) OR ALUMINUM (6063-T5 MIN. & 1/16" THICK)



GLASS & ALUMINUM SOLUTIONS™

<http://www.trulite.com>

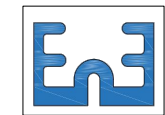
1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:

NS200 Series Alum Outswing Doors HVHZ - Non-Impact

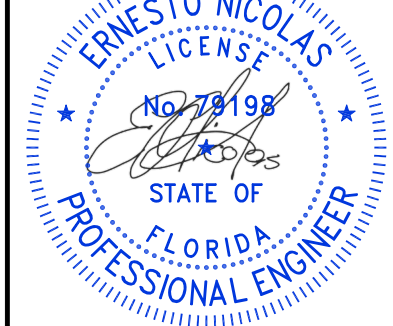
REV#	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL46721

DATE: APRIL 28, 2024

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:

8 OF 13

NS 200 DOOR BILL OF MATERIALS				
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
A 1	26007	BEVELED HINGE STILE	ALUM. 6063-T6	TRULITE
A 2	26014	TOP RAIL	ALUM. 6063-T6	TRULITE
A 3	26015	BOTTOM RAIL	ALUM. 6063-T6	TRULITE
A 4	26009	INACTIVE MEETING STILE	ALUM. 6063-T6	TRULITE
A 5	26376	ACTIVE MEETING STILE	ALUM. 6063-T6	TRULITE
A 6	26375	ADJUSTABLE ASTRAGAL	ALUM. 6063-T6	TRULITE
A 7	DF450-9	1 ³ / ₄ " TRANSOM BAR / DOOR HEADER	ALUM. 6063-T6	TRULITE
A 8	DF451-9	2" TRANSOM BAR / DOOR HEADER	ALUM. 6063-T6	TRULITE
A 9	CG450-11	1 ³ / ₄ " TRANSOM HEAD (DEEP POCKET)	ALUM. 6063-T6	TRULITE
A 10	CG451-1	2" TRANSOM HEAD	ALUM. 6063-T6	TRULITE
A 11	DF450-8	1 ³ / ₄ " HINGE JAMB	ALUM. 6063-T6	TRULITE
A 12	DF451-8	2" HINGE JAMB	ALUM. 6063-T6	TRULITE
A 13	CG450-18	FLAT FILLER - 4" MIN. @ ANCHOR	ALUM. 6063-T6	TRULITE
A 14	DF118	1" TRANSOM SASH	ALUM. 6063-T6	TRULITE
A 15	DF119	TRANSOM GLASS STOP	ALUM. 6063-T6	TRULITE
A 16	DF120	TRANSOM BAR ADAPTOR	ALUM. 6063-T6	TRULITE
A 17	4510	DOOR STOP	ALUM. 6063-T6	TRULITE
A 18	4518	DOOR STOP (FOR CONT. HINGE)	ALUM. 6063-T6	TRULITE
A 19	1042	4" BUMPER THRESHOLD	ALUM. 6063-T6	TRULITE
A 20	40290	4" SADDLE THRESHOLD	ALUM. 6063-T6	TRULITE
A 21	26030	GLASS ADAPTOR (¼" GLASS)	ALUM. 6063-T6	TRULITE
A 22	31149	GLASS ADAPTOR (⅝" IG GLASS)	ALUM. 6063-T6	TRULITE
A 23	40349	GLASS ADAPTOR (1" IG GLASS)	ALUM. 6063-T6	TRULITE
A 24	26475	MID-RAIL	ALUM. 6063-T6	TRULITE
A 25	10220	DOOR HEAD / JAMB OPTION	ALUM. 6063-T6	TRULITE
A 26	DF601-9	DOOR HEAD OPTION	ALUM. 6063-T6	TRULITE
A 27	10184	DOOR HEAD / JAMB OPTION	ALUM. 6063-T6	TRULITE
A 28	10190	DOOR HEAD / JAMB OPTION	ALUM. 6063-T6	TRULITE
A 29	26364	5" BOTTOM RAIL OPTION	ALUM. 6063-T6	TRULITE
A 30	26316	6 ¹ / ₂ " BOTTOM RAIL OPTION	ALUM. 6063-T6	TRULITE
A 31	26599	7 ¹ / ₂ " BOTTOM RAIL OPTION	ALUM. 6063-T6	TRULITE
A 32	26600	10" BOTTOM RAIL OPTION	ALUM. 6063-T6	TRULITE
A 33	40296	1 ¹ / ₂ " DEEP BUMPER THRESHOLD	ALUM. 6063-T6	TRULITE
A 34	DF601-8	6" DOOR JAMB	ALUM. 6063-T6	TRULITE
A 35	CG601-8	6" FLAT FILLER - 4" MIN. AT ANCHOR	ALUM. 6063-T6	TRULITE
A 36	CT601-31	6" LIGHT MULLION / HEAD (THERMAL)	ALUM. 6063-T6	TRULITE
A 37	CT601-7	6" HEAVY MULLION (THERMAL)	ALUM. 6063-T6	TRULITE

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
A 38	CG451-11	2" TRANSOM HEAD	ALUM. 6063-T6	TRULITE
A 39	CT451-31	2" TRANSOM HEAD (THERMAL)	ALUM. 6063-T6	TRULITE
A 40	CT451-11	2" TRANSOM HEAD (THERMAL)	ALUM. 6063-T6	TRULITE
A 42	FG451-4	2" TRANSOM HEAD - FRONT GLAZED	ALUM. 6063-T6	TRULITE
A 43	FT451-4	2" TRANSOM HEAD-FRONT GLAZED (THERMAL)	ALUM. 6063-T6	TRULITE
A 44	26013	MID-RAIL ADAPTOR	ALUM. 6063-T6	TRULITE
A 45	CG450-1	1 ³ / ₄ " TRANSOM HEAD	ALUM. 6063-T6	TRULITE
A 46	DF451-10	DOOR JAMB	ALUM. 6063-T6	TRULITE

B 1	05212	GLAZING GASKET (DUR. 60 +-5, SHORE A)	EPDM	TRULITE
B 2	SPACER	SETTING BLOCK FOR ¼" GLASS	PVC	M & M PLASTIC
B 3	22038	TRANS. SET. BLK. (AT L/8) (DUR. 85 +-5, SHORE A)	EPDM	TRULITE
B 4	RG-1	GLAZING GASKET (DUR. 70 +-5, SHORE A)	EPDM	TRULITE
B 5	RG-5	DOOR GASKET (DUR. 60 +-5, SHORE A)	EPDM	TRULITE
B 6	58045	SETTING BLOCK (DUR. 85 +-5, SHORE A)	EPDM	TRULITE
B 7	RSB-19	TRANS. SET. BLK. (AT L/8) (DUR. 70 +-5, SHORE A)	EPDM	TRULITE
B 8	05207	GLAZING GASKET (DUR. 70 +-5, SHORE A)	EPDM	TRULITE
B 9	05333	GLAZING GASKET (DUR. 70 +-5, SHORE A)	EPDM	TRULITE
B 10	H74 / 24120	THRESHOLD GASKET (DUR. 60 +-5, SHORE A)	EPDM	TRULITE
B 11	SPACER1IN	SETTING BLOCK FOR 1" IG GLASS	PVC	M & M PLASTIC
C 1	24110	PILE WATHERSTRP GASKET	YARN	AMESBURY GROUP
C 2	23301	RUBBER GROMMET	NITRILE	RUBBERGROMMET.COM
C 3	25047	DOOR BOTTOM SWEEP	VINYL / ALUM.	HAGER
C 4	40671	TUBE CLIP	GALV. STEEL	VARIES
C 5	-	ALUMIN GLASS SPACER	ALUMINUM	TRULITE
C 6	-	KODISPACE 4SG WARM EDGE SPACER	THERMO PLASTIC	HB FULLER KOMMERLING

D 1	FAS14-2	¼"-14 X 1" HWH-F MS - ASSEMBLY SCREW	ZINC COATED STEEL	ALLOY FASTENER
D 2	23302	#6 X ¾" UC-PFH TEK - SCREW AT ASTRAGAL	NITRILE	RUBBERGROMMET.COM
D 3	23233	1/4-20 X 1 ½" PFH @ 12" O.C. MAX.	ZINC COATED STEEL	ALLOY FASTENER
D 4	23079	#10-24 x ¾" UC PFH	ZINC COATED STEEL	ALLOY FASTENER
D 5	23163	#12 x ¾" UC PFH MS (2" FROM ENDS & @ 12" O.C.)	ZINC COATED STEEL	ALLOY FASTENER



GLASS & ALUMINUM SOLUTIONS™

http://www.trulite.com

1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

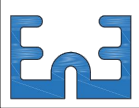
PRODUCT:

**NS200 Series
Alum Outswing
Doors**

HVHZ - Non-Impact

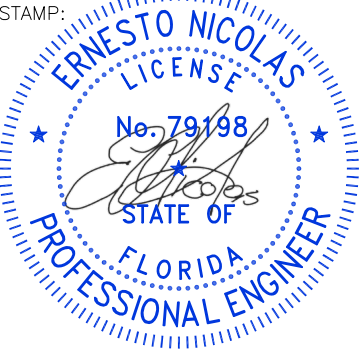
REV#	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL46721

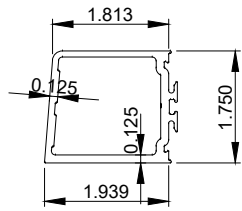
DATE: APRIL 28, 2024

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

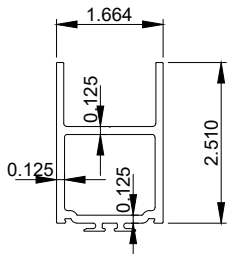
SHEET NO.:

9 OF 13

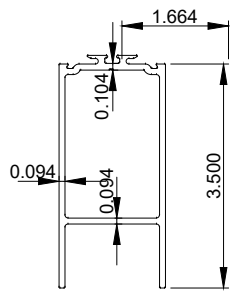
NS 200 PARTS LIST



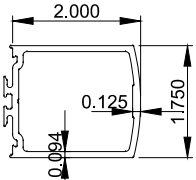
A1 BEVELED HINGE STILE
26007 6063-T6



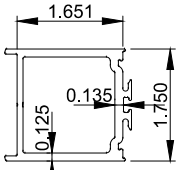
A2 TOP RAIL
26014 6063-T6



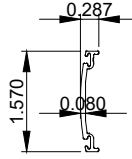
A3 TOP/BOTTOM RAIL
26015 6063-T6



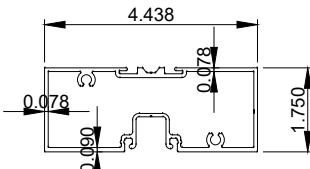
A4 INACTIVE STILE
26009 6063-T6



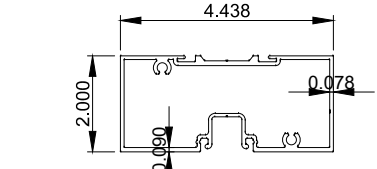
A5 ACTIVE MEETING STILE
26376 6063-T6



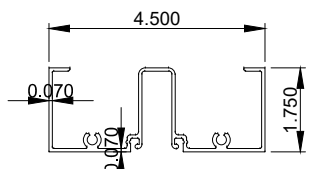
A6 ADJUST. ASTRAGAL PLATE
26375



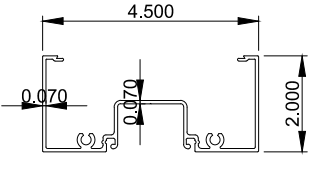
A7 1 3/4" TRANSOM BAR / HEADER
DF450-9 6063-T6



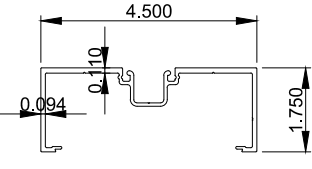
A8 2" TRANSOM BAR / HEADER
DF451-9 6063-T6



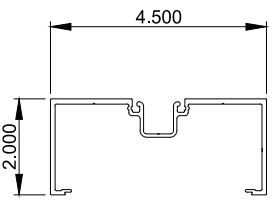
A9 1 3/4" TRANSOM HEAD
CG450-11 6063-T6



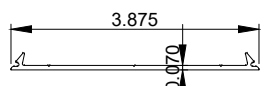
A10 2" TRANSOM HEAD
CG451-1 6063-T6



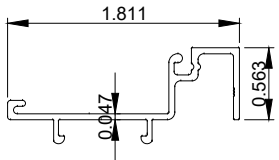
A11 1 3/4" HINGE JAMB
DF450-8 6063-T6



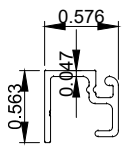
A12 2" HINGE JAMB
DF451-8 6063-T6



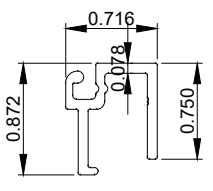
A13 FLAT FILLER
CG450-18 6063-T6



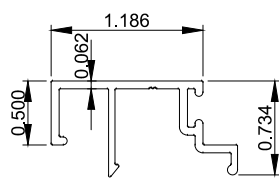
A14 TRANSOM BAR ADAPTOR
DF118 6063-T6



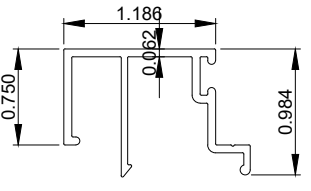
A15 TRANSOM ADAPTOR
DF 119 6063-T6



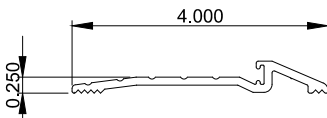
A16 TRANSOM BAR ADAPTOR
DF120 6063-T6



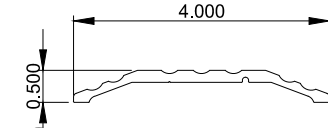
A17 DOOR STOP
4510 6063-T6



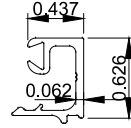
A18 DOOR STOP (FOR CONT. HINGE)
4518 6063-T6



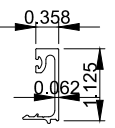
A19 BUMPER THRESHOLD
1042 6063-T6



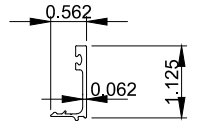
A20 BUMPER THRESHOLD
40290 6063-T6



A21 GLASS ADAPTOR
(FOR 1/4" GLASS)
26030 6063-T6



A22 GLASS ADAPTOR
(FOR 5/8" IG GLASS)
31149 6063-T6



A23 GLASS ADAPTOR
(FOR 1" IG GLASS)
40349 6063-T6



http://www.trulite.com

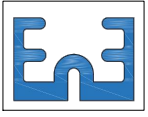
1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:

**NS200 Series
Alum Outswing
Doors**
HVHZ - Non-Impact

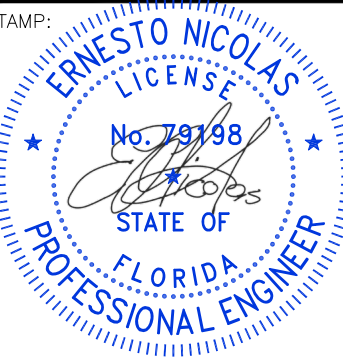
REVN	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

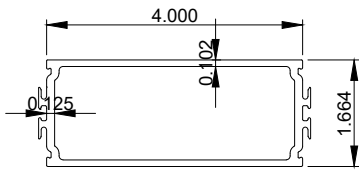
FL46721

DATE: APRIL 28, 2024

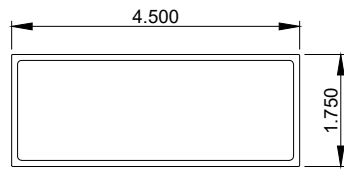
Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:

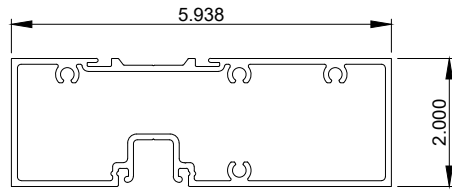
10 OF 13



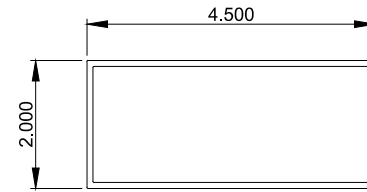
A24 MID-RAIL OPTION
26475 6063-T6



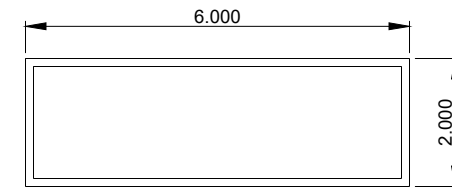
A25 DOOR HEAD/JAMB OPTION
10220 6063-T6



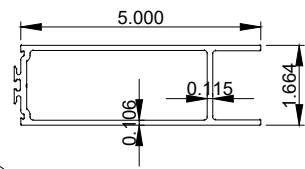
A26 DOOR HEAD/JAMB OPTION
DF601-9 6063-T6



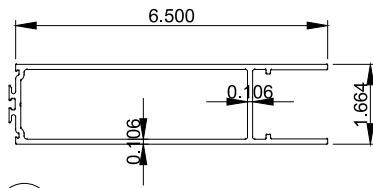
A27 DOOR HEAD/JAMB OPTION
10184 6063-T6



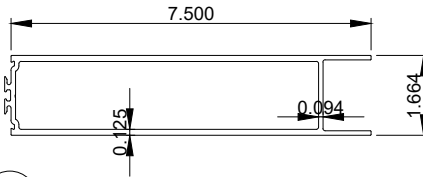
A28 DOOR HEAD/JAMB OPTION
10190 6063-T6



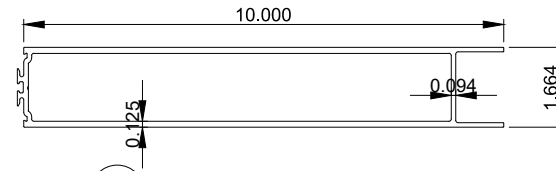
A29 BOTTOM RAIL OPTION
26364 6063-T6



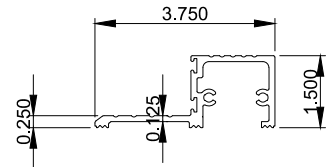
A30 BOTTOM RAIL OPTION
26316 6063-T6



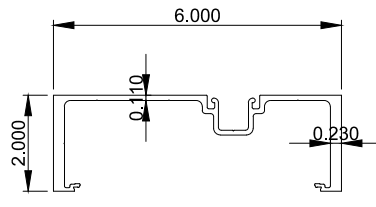
A31 BOTTOM RAIL OPTION
26599 6063-T6



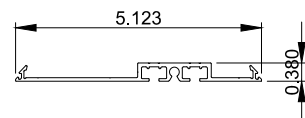
A32 BOTTOM RAIL OPTION
26600 6063-T6



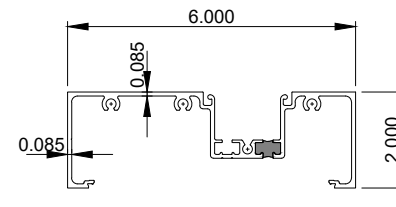
A33 1 1/2" BUMPER THRESHOLD
40296 6063-T6



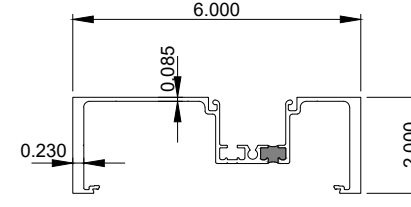
A34 6" DOOR JAMB
DF601-8 6063-T6



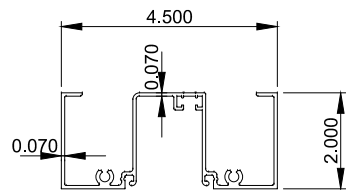
A35 6" FLAT FILLER
CG601-18 6063-T6



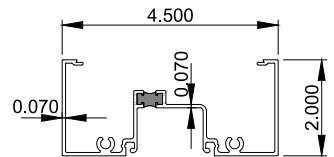
A36 6" DOOR JAMB OPTION
CT601-31 6063-T6



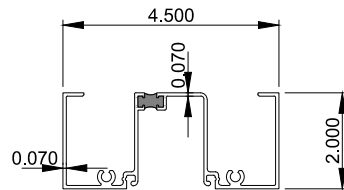
A37 6" DOOR JAMB OPTION
CT601-7 6063-T6



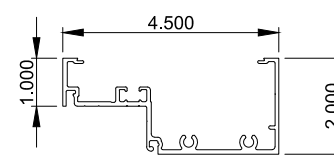
A38 2" TRANSOM HEAD OPTION
CG451-11 6063-T6



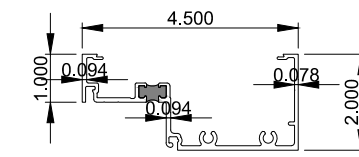
A39 2" TRANSOM HEAD OPTION
CT451-31 6063-T6



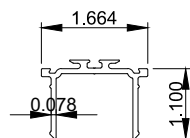
A40 2" TRANSOM HEAD OPTION
CT451-11 6063-T6



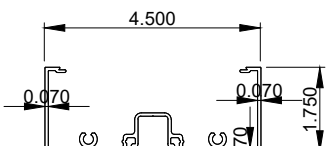
A42 2" TRANSOM HEAD OPTION
FG451-4 6063-T6



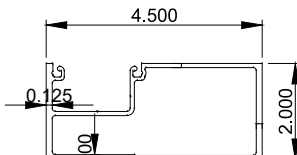
A43 2" TRANSOM HEAD OPTION
FT451-4 6063-T6



A44 MID-RAIL ADAPTOR
26013 6063-T6



A45 1 3/4" TRANSOM HEAD OPTION
CG450-1 6063-T6



A46 1 3/4" TRANSOM HEAD OPTION
DF451-10 6063-T6



GLASS & ALUMINUM SOLUTIONS™

<http://www.trulite.com>

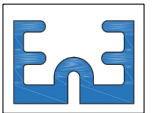
1750 Founders PKWY, Ste. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:

**NS200 Series
Alum Outswing
Doors**
HVHZ - Non-Impact

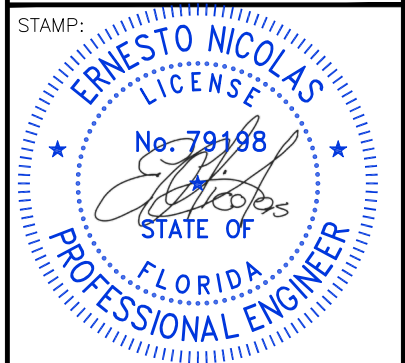
REVN	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL46721

DATE: APRIL 28, 2024

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:

11 OF 13

PRODUCT:

NS200 Series

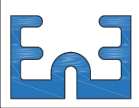
Alum Outswing

Doors

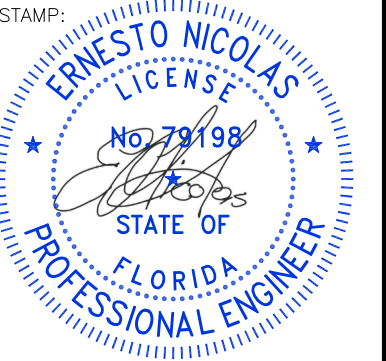
HVHZ - Non-Impact

REVN	DATE/REMARKS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com



FLORIDA PRODUCT APPROVAL:

FL46721

DATE: APRIL 28, 2024

Drwn: Bobi

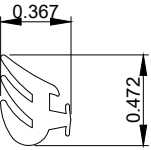
CHK: ESN

Drwg. No: 24FL-103

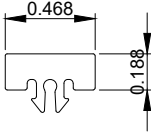
SCALE: N.T.S.

SHEET NO.:

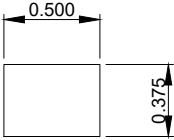
12 OF 13



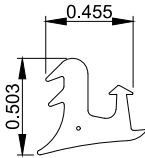
B1 GLAZING GASKET
(FOR 1/4" MONOLITHIC)
05212 EPDM



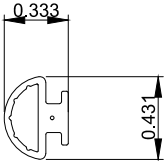
B2 DOOR GLASS SPACER
(FOR 1/4" MONOLITHIC)
SPACER PVC



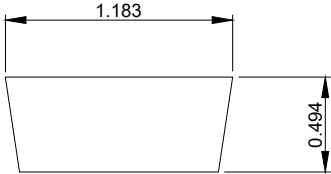
B3 TRANSOM GLASS SETTING BLOCK
(FOR 1/4" MONOLITHIC)
22038 EPDM



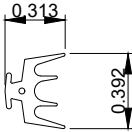
B4 TRANSOM GLAZING GASKET
RG-1 EPDM



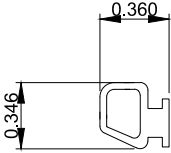
B5 DOOR GASKET
RG-5 EPDM



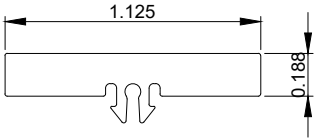
B7 TRANSOM GLASS SETTING BLOCK
RSB-19 EPDM



B8 DOOR GLAZING GASKET
05207 EPDM



B10 THRESHOLD GASKET
H74 EPDM



B6 DOOR GLASS SPACER
(FOR 1" MONOLITHIC)
SPACER1IN PVC

PRODUCT:

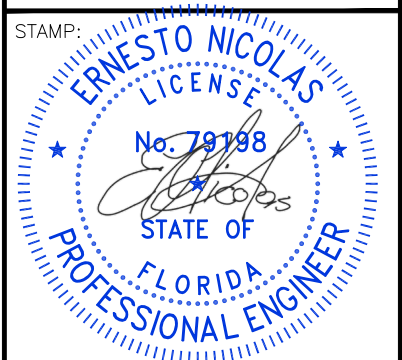
**NS200 Series
Alum Outswing
Doors**
HVHZ - Non-Impact

REVN	DATE/REMARKS

ENGINEER:


En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 702 6260939
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL46721

DATE: APRIL 28, 2024

Drwn: Bobi	CHK: ESN
Drwg. No: 24FL-103	SCALE: N.T.S.

SHEET NO.:

13 OF 13

